



**50 mm x 110 mm x 27 mm NACHI 7310CDT  
angular contact ball bearings**

Bearing No. 7310CDT

7310CDT Bearing 2D drawings and 3D CAD models

|                               |                  |
|-------------------------------|------------------|
| Size                          | 50x110x27 mm     |
| Bore Diameter                 | 50 mm            |
| Outer Diameter                | 110 mm           |
| Width                         | 27 mm            |
| d                             | 50 mm            |
| D                             | 110 mm           |
| B                             | 27 mm            |
| C                             | 27 mm            |
| Angle ( ° )                   | 15 °             |
| a -                           | 4.3 mm           |
| r min.                        | 2 mm             |
| r1 min.                       | 1 mm             |
| 2B                            | 54 mm            |
| da min.                       | 60 mm            |
| Da max.                       | 104 mm           |
| ra max.                       | 1 mm             |
| Weight                        | 1.14 Kg          |
| Basic dynamic load rating (C) | 122 kN           |
| Basic static load rating (C0) | 102 kN           |
| (Grease) Lubrication Speed    | 8000 r/min       |
| Bore Type                     | Cylindrical Bore |
| Enclosure                     | Open             |
| Configuration                 | Duplex           |
| Bore Size                     | 50 mm            |
| Outside Diameter              | 110 mm           |



## BEARINGS IMPORTED AND EXPORTED CO.,LTD.

|                         |            |
|-------------------------|------------|
| Width                   | 27 mm      |
| Fillet Radius/Chamfer   | 2 mm       |
| r1                      | 1 mm       |
| Dynamic Load Rating     | 122,000 N  |
| Static Load Rating      | 102,000 N  |
| Limiting Speed - Grease | 8,000 rpm  |
| Limiting Speed - Oil    | 11,000 rpm |
| da1 (min)               | 60 mm      |
| da2 (min)               | 60 mm      |
| Da1 (max)               | 100 mm     |
| Da2 (max)               | 104 mm     |
| ra (max)                | 2 mm       |
| ra1 (max)               | 1 mm       |